

AMENDMENTS TO THE CLAIMS

- 1-17. (Canceled)
18. (Original) A method of testing a speech recognizer, the method comprising:
receiving a selected portion of a digital audio data file;
receiving a grammar having a set of responses expected to occur in the selected portion;
based at least in part on the selected portion and the grammar, producing a decode result of the selected portion;
receiving a transcript of the selected portion; and
scoring the decode result based at least in part on the transcript.
19. (Original) The method of Claim 18, wherein the set of responses comprises concepts, phrases, words, and/or phonemes.
20. (Original) The method of Claim 18, wherein the decode result comprises concepts, phrases, words, and/or phonemes.
21. (Original) The method of Claim 18, wherein the decode result comprises a confidence score.
22. (Original) The method of Claim 18, further comprising displaying a result of the scoring.
23. (Original) The method of Claim 18, further comprising creating and/or modifying a response file associated with the audio data file.
24. (Original) The method of Claim 18, wherein the response file comprises the audio file, a portion of the grammar associated with the audio file, the decode result, and/or the transcript.
- 25-33. (Canceled)
34. (Original) A system for testing a speech recognizer, the system comprising:
an audio recorder module for receiving digital audio input;
a grammar editor module configured to access and allow modification of a grammar, the grammar comprising words, phrases, or phonemes expected to appear in the audio input;
a speech recognition engine configured to output a recognition result based on the audio input and the accessed grammar; and

a scoring module configured to score the recognition result based at least in part on a user-defined transcript of the audio input and the recognition result.

35. (Original) The system of Claim 34, further comprising a user interface.
36. (Original) The system of Claim 34, wherein the user interface comprises a graphical user interface.
37. (Original) The system of Claim 36, wherein the graphical user interface is configured to display an output of the scoring module.
38. (Original) The system of Claim 34, wherein the recognition result comprises a confidence score.
39. (Original) The system of Claim 34, wherein the recognition result comprises a concept, phrase, word, or phoneme.
40. (Original) The system of Claim 34, wherein the recognition result comprises an indication of an acoustic model used by the speech recognizer in decoding the audio input.
41. (Original) The system of Claim 40, wherein the recognition result comprises an acoustic model score.
42. (Original) The system of Claim 34, further comprising a response file for logically associating the audio input, the transcript, the recognition result, and/or an output of the scoring module.
- 43-50. (Canceled)
51. (New) The system of Claim 34, wherein the speech recognition engine is configured to transmit the recognition result to a tuner module for processing.
52. (New) The system of Claim 51, further comprising a tuner module configured to transmit digital audio input to the audio recorder module and grammar to the grammar editor module.
53. (New) The system of Claim 34, further comprising a test module configured to initiate a testing cycle by processing and transmitting digital audio input and grammar to the speech recognition engine.
54. (New) The system of Claim 53, wherein the speech recognition engine is configured to transmit the recognition result to a tuner module for processing.

55. (New) The system of Claim 54, further comprising a tuner module configured to transmit digital audio data and grammar to the test module.
56. (New) The system of Claim 36, wherein the graphical user interface is configured to display the digital audio input and the accessed grammar.
57. (New) A system for testing a speech recognizer, the system comprising:
an audio data input module for receiving digital audio data;
a grammar editor module configured to access and allow modification of a grammar, the grammar comprising words, phrases, or phonemes expected to appear in the audio input;
a test module configured to initiate a testing cycle by processing and transmitting digital audio data and grammar to a speech recognition engine; and
a scoring module configured to score a recognition result based at least in part on a user-defined transcript of the audio input and a recognition result, wherein the scoring module receives the recognition result from a speech recognition engine.
58. (New) The system of Claim 57, further comprising a speech recognition engine configured to output a recognition result to the scoring module based on input received from the test module.
59. (New) The system of Claim 58, wherein the speech recognition engine is configured to transmit the recognition result to a tuner module for processing.
60. (New) The system of Claim 59, further comprising a tuner module configured to transmit digital audio data and grammar to the test module.
61. (New) The system of Claim 58, further comprising a user interface.
62. (New) The system of Claim 61, wherein the user interface comprises a graphical user interface.
63. (New) The system of Claim 62, wherein the graphical user interface is configured to display an output from a scoring module configured to score the recognition result based at least in part on a user-defined transcript of the audio input and the recognition result.
64. (New) The system of Claim 62, wherein the graphical user interface is configured to display the digital audio input and the accessed grammar.
65. (New) The system of Claim 58, wherein the recognition result comprises a confidence score.

Appl. No. : **10/725,281**
Filed : **December 1, 2003**

66. (New) The system of Claim 58, wherein the recognition result comprises a concept, phrase, word, or phoneme.
67. (New) The system of Claim 58, wherein the recognition result comprises an indication of an acoustic model used by the speech recognition engine in decoding the audio input.
68. (New) The system of Claim 66, wherein the recognition result comprises an acoustic model score.
69. (New) The system of Claim 58, further comprising a response file for logically associating the audio input, the transcript, the recognition result, and/or an output of the module configured to output a recognition result.
70. (New) The method of Claim 22, further comprising displaying a result of the scoring on a user interface.
71. (New) The method of Claim 70, wherein the user interface is a graphical user interface.
72. (New) The method of Claim 18, further comprising transmitting the decode result to a tuner module for processing.